### ETL document

### Purchase Mart

• PurchaseOrdersTransactionalFact

| Fields              | Description   |
|---------------------|---|
| PurchaseOrderID     | From Table <b>Purchase Orders</b> (Purchase Order ID) |
| SupplierKey         | From Table <b>Purchase Orders</b> (Supplier ID)       |
| CreatorKey          | From Table <b>Employee Dim</b> (Employee Key)         |
| ApproverKey         | From Table <b>Employee Dim</b> (Employee Key)         |
| SubmitterKey        | From Table <b>Employee Dim</b> (Employee Key)         |
| CreatorNaturalKey   | From Table <b>Purchase Orders</b> (Creator)           |
| ApproverNaturalKey  | From Table <b>Purchase Orders</b> (Approver)          |
| SubmitterNaturalKey | From Table <b>Purchase Orders</b> (Submitter)         |
| CreationDateKey     | From Table <b>DateDim</b> (TimeKey)                   |
| ApprovedDateKey     | From Table <b>DateDim</b> (TimeKey)                   |
| SubmittedDateKey    | From Table <b>DateDim</b> (TimeKey)                   |
| ExpectedDateKey     | From Table <b>DateDim</b> (TimeKey)                   |
| PaymentDateKey      | From Table <b>DateDim</b> (TimeKey)                   |
| PaymentMethodKey    | From Table <b>Payment Method Dim</b> (ID)             |
| PurchaseStatusKey   | From Table <b>Purchase Orders</b> (Status ID)         |
| CheckKey            | From Table <b>Purchase Orders</b> (Check ID)          |
| ShippingFee         | From Table <b>Purchase Orders</b> (Shipping Fee)      |
| Taxes               | From Table <b>Purchase Orders</b> (Taxes)             |
| PaymentAmount       | From Table <b>Purchase Orders</b> (Payment Amount)    |
| Notes               | From Table <b>Purchase Orders</b> (Notes)             |

### • PurchaseProductTransactionalFact

| Fields              | Description   |
|---------------------|---|
| ProductKey          | From Table <b>ProductDim</b> (ProductKey)   |
| ProductNaturalKey   | From Table <b>Purchase Orders</b> Join <b>Purchase Order Details</b> On (Purchase Order ID) |
| SupplierKey         | From Table <b>Purchase Orders</b> Join <b>Purchase Order Details</b> On (Purchase Order ID) |
| CreatorKey          | From Table <b>Employee Dim</b> (Employee Key)   |
| ApproverKey         | From Table <b>Employee Dim</b> (Employee Key)   |
| SubmitterKey        | From Table <b>Employee Dim</b> (Employee Key)   |
| CreatorNaturalKey   | From Table <b>Purchase Orders</b> Join <b>Purchase Order Details</b> On (Purchase Order ID) |
| ApproverNaturalKey  | From Table <b>Purchase Orders</b> Join <b>Purchase Order Details</b> On (Purchase Order ID) |
| SubmitterNaturalKey | From Table <b>Purchase Orders</b> Join <b>Purchase Order Details</b> On (Purchase Order ID) |
| CreationDateKey     | From Table <b>DateDim</b> (TimeKey)   |
| ApprovedDateKey     | From Table <b>DateDim</b> (TimeKey)   |
| SubmittedDateKey    | From Table <b>DateDim</b> (TimeKey)   |
| ExpectedDateKey     | From Table <b>DateDim</b> (TimeKey)   |
| DateReceivedKey     | From Table <b>DateDim</b> (TimeKey)   |
| PaymentDateKey      | From Table <b>DateDim</b> (TimeKey)   |
| PaymentMethodKey    | From Table <b>Payment Method Dim</b> (ID)   |
| Quantity            | From Table <b>Purchase Orders</b> Join <b>Purchase Order Details</b> On (Purchase Order ID) |

### • PurchaseOrderAccFact

| Fields                | Description   |
|-----------------------|---|
| SupplierKey           | From Table <b>PurchaseOrdersDailyFact</b> (SupplierKey)           |
| PaymentMethodKey      | From Table <b>PurchaseOrdersDailyFact</b> (PaymentMethodKey)      |
| TotalShippingFee      | From Table <b>PurchaseOrdersDailyFact</b> (TotalShippingFee)      |
| TotalTaxes            | From Table <b>PurchaseOrdersDailyFact</b> (TotalTaxes)            |
| TotalPaymentAmount    | From Table <b>PurchaseOrdersDailyFact</b> (TotalPaymentAmount)    |
| TotalCreatedNumbers   | From Table <b>PurchaseOrdersDailyFact</b> (TotalCreatedNumbers)   |
| TotalApprovedNumbers  | From Table <b>PurchaseOrdersDailyFact</b> (TotalApprovedNumbers)  |
| TotalSubmittedNumbers | From Table <b>PurchaseOrdersDailyFact</b> (TotalSubmittedNumbers) |
| TotalExpectedNumbers  | From Table <b>PurchaseOrdersDailyFact</b> (TotalExpectedNumbers)  |
| TotalPaidNumbers      | From Table <b>PurchaseOrdersDailyFact</b> (TotalPaidNumbers)      |
| FirstCreatedDate      | From Table <b>DateDim</b> (TimeKey)                               |
| LastCreatedDate       | From Table <b>DateDim</b> (TimeKey)                               |

# • Employe'sPurchaseOrderAccFact

| Fields                | Description   |
|-----------------------|---|
| EmployeeKey           | From Table <b>Employe'sPurchaseOrderDailyFact</b> (EmployeeKey)           |
| EmployeeNaturalKey    | From Table <b>Employe'sPurchaseOrderDailyFact</b> (EmployeeKey)           |
| TotalCreatedNumbers   | From Table <b>Employe'sPurchaseOrderDailyFact</b> (TotalCreatedNumbers)   |
| TotalApprovedNumbers  | From Table <b>Employe'sPurchaseOrderDailyFact</b> (TotalApprovedNumbers)  |
| TotalSubmittedNumbers | From Table <b>Employe'sPurchaseOrderDailyFact</b> (TotalSubmittedNumbers) |
| FirstCreatedDate      | From Table <b>DateDim</b> (TimeKey)                                       |
| LastCreatedDate       | From Table <b>DateDim</b> (TimeKey)                                       |
| FirstApprovedDate     | From Table <b>DateDim</b> (TimeKey)                                       |
| LastApprovedDate      | From Table <b>DateDim</b> (TimeKey)                                       |
| FirstSubmittedDate    | From Table <b>DateDim</b> (TimeKey)                                       |
| LastSubmittedDate     | From Table <b>DateDim</b> (TimeKey)                                       |

# • PurchaseOrdersDailyFact

| Fields                | Description   |
|-----------------------|---|
| SupplierKey           | From Table <b>SupplierDim</b> (ID)                                |
| PaymentMethodKey      | From Table <b>PaymentMethodDim</b> (ID)                           |
| DateKey               | From Table <b>DateDim</b> (TimeKey)                               |
| TotalShippingFee      | From Table <b>PurchaseOrdersTransactionalFact</b> (ShippingFee)   |
| TotalTaxes            | From Table <b>PurchaseOrdersTransactionalFact</b> (Taxes)         |
| TotalPaymentAmount    | From Table <b>PurchaseOrdersTransactionalFact</b> (PaymentAmount) |
| TotalCreatedNumbers   | From Table <b>PurchaseOrdersTransactionalFact</b> Count(*)        |
| TotalApprovedNumbers  | From Table <b>PurchaseOrdersTransactionalFact</b> Count(*)        |
| TotalSubmittedNumbers | From Table <b>PurchaseOrdersTransactionalFact</b> Count(*)        |
| TotalExpectedNumbers  | From Table <b>PurchaseOrdersTransactionalFact</b> Count(*)        |
| TotalPaidNumbers      | From Table <b>PurchaseOrdersTransactionalFact</b> Count(*)        |

# • Employe'sPurchaseOrderDailyFact

| Fields                | Description  |
|-----------------------|--|
| EmployeeKey           | From Table <b>Employee Dim</b> (Employee Key)              |
| EmployeeNaturalKey    | From Table <b>Employee Dim</b> (ID)                        |
| DateKey               | From Table <b>DateDim</b> (TimeKey)                        |
| TotalCreatedNumbers   | From Table <b>PurchaseOrdersTransactionalFact</b> Count(*) |
| TotalApprovedNumbers  | From Table <b>PurchaseOrdersTransactionalFact</b> Count(*) |
| TotalSubmittedNumbers | From Table <b>PurchaseOrdersTransactionalFact</b> Count(*) |

### • PurchaseProductAccFact

| Fields            | Description  |
|-------------------|--|
| ProductKey        | From Table <b>PurchaseProductDailyFact</b> (ProductKey)        |
| ProductNaturalKey | From Table <b>PurchaseProductDailyFact</b> (ProductNaturalKey) |
| SupplierKey       | From Table <b>PurchaseProductDailyFact</b> (SupplierKey)       |
| TotalQuantity     | From Table <b>PurchaseProductDailyFact</b> (TotalQuantity)     |
| MinQuantity       | From Table <b>PurchaseProductDailyFact</b> (MinQuantity)       |
| MaxQuantity       | From Table <b>PurchaseProductDailyFact</b> (MaxQuantity)       |
| TotalCost         | From Table <b>PurchaseProductDailyFact</b> (TotalCost)         |
| FirstPurchaseDate | From Table <b>DateDim</b> (TimeKey)                            |
| LastPurchaseDate  | From Table <b>DateDim</b> (TimeKey)                            |

# PurchaseProductDailyFact

| Fields            | Description  |
|-------------------|--|
| ProductKey        | From Table <b>ProductDim</b> (ProductKey)  |
| ProductNaturalKey | From Table <b>ProductDim</b> (ID)  |
| SupplierKey       | From Table <b>SupplierDim</b> (ID)   |
| DateKey           | From Table <b>DateDim</b> (TimeKey)  |
| TotalQuantity     | From Table <b>PurchaseProductTransactionalFact</b> (Quantity)  |
| MinQuantity       | From Table <b>PurchaseProductTransactionalFact</b> (Quantity)  |
| MaxQuantity       | From Table <b>PurchaseProductTransactionalFact</b> (Quantity)  |
| TotalCost         | From Table <b>PurchaseProductTransactionalFact</b> (Quantity) From Table <b>ProductDim</b> (standard cost) |

### **❖** Sales Mart

### • SalesOrdersTransactionalFact

| Fields             | Description   |
|--------------------|---|
| OrderID            | From Table <b>Orders</b> (Order ID)                             |
| EmployeeKey        | From Table <b>EmployeeDim</b> (EmployeeKey)                     |
| EmployeeNaturalKey | From Table <b>Orders</b> (Employee ID)                          |
| CustomerKey        | From Table <b>Orders</b> (Customer ID)                          |
| ShipperKey         | From Table <b>Orders</b> (Shipper ID)                           |
| OrderDateKey       | From Table <b>DateDim</b> (TimeKey)                             |
| ShippedDateKey     | From Table <b>DateDim</b> (TimeKey)                             |
| PaidDateKey        | From Table <b>DateDim</b> (TimeKey)                             |
| PaymentMethodKey   | From Table <b>PaymentMethodDim</b> (ID)                         |
| OrderTaxStatusKey  | From Table <b>Orders</b> (Tax Status)                           |
| OrderStatusKey     | From Table <b>Orders</b> (Status ID)                            |
| CheckKey           | From Table <b>Orders</b> (Check ID)                             |
| LocationKey        | From Table <b>LocationDim</b> (ID)                              |
| PaymentAmount      | From Table <b>OrderDetails</b> (Unit Price, Quantity, Discount) |
| ShippingFee        | From Table <b>Orders</b> (Shipping Fee)                         |
| Taxes              | From Table <b>Orders</b> (Taxes)                                |
| TaxRate            | From Table <b>Orders</b> (Tax Rate)                             |
| Notes              | From Table <b>Orders</b> (Notes)                                |

### • SalesProductTransactionalFact

| Fields               | Description  |
|----------------------|--|
| ProductKey           | From Table <b>ProductDim</b> (ProductKey)                        |
| ProductNaturalKey    | From Table <b>Orders</b> Join <b>Order Details</b> (Product ID)  |
| EmployeeKey          | From Table <b>EmployeeDim</b> (EmployeeKey)                      |
| EmployeeNaturalKey   | From Table <b>Orders</b> Join <b>Order Details</b> (Employee ID) |
| CustomerKey          | From Table <b>Orders</b> Join <b>Order Details</b> (Customer ID) |
| ShipperKey           | From Table <b>Orders</b> Join <b>Order Details</b> (Shipper ID)  |
| OrderDateKey         | From Table <b>DateDim</b> (TimeKey)                              |
| ShippedDateKey       | From Table <b>DateDim</b> (TimeKey)                              |
| DateAllocatedKey     | From Table <b>DateDim</b> (TimeKey)                              |
| PaidDateKey          | From Table <b>DateDim</b> (TimeKey)                              |
| OrderDetailStatusKey | From Table <b>Orders</b> Join <b>Order Details</b> (Status ID)   |
| PaymentMethodKey     | From Table <b>PaymentMethodDim</b> (ID)                          |
| LocationKey          | From Table <b>LocationDim</b> (ID)                               |
| Quantity             | From Table <b>Orders</b> Join <b>Order Details</b> (Quantity)    |
| Discount             | From Table Orders Join Order Details (Discount)                  |

### • SalesOrderAccFact

| Fields              | Description   |
|---------------------|---|
| CustomerKey         | From Table <b>SalesOrdersDailyFact</b> (CustomerKey)        |
| TotalShippingFee    | From Table <b>SalesOrdersDailyFact</b> (TotalShippingFee)   |
| TotalTaxes          | From Table SalesOrdersDailyFact (TotalTaxes)                |
| AverageTaxRate      | From Table <b>SalesOrdersDailyFact</b> (AverageTaxRate)     |
| TotalOrderNumbers   | From Table <b>SalesOrdersDailyFact</b> (TotalOrderNumbers)  |
| TotalShippedNumbers | From Table SalesOrdersDailyFact (TotalShippedNumbers)       |
| TotalPaidNumbers    | From Table SalesOrdersDailyFact (TotalPaidNumbers)          |
| TotalPaymentAmount  | From Table <b>SalesOrdersDailyFact</b> (TotalPaymentAmount) |
| FirstOrderDate      | From Table <b>DateDim</b> (TimeKey)                         |
| LastOrderDate       | From Table <b>DateDim</b> (TimeKey)                         |

## • SalesOrdersDailyFact

| Fields              | Description  |
|---------------------|--|
| CustomerKey         | From Table <b>CustomerDim</b> (ID)   |
| DateKey             | From Table <b>DateDim</b> (TimeKey)  |
| TotalShippingFee    | From Table <b>SalesOrdersTransactionalFact</b> (ShippingFee)                 |
| TotalTaxes          | From Table <b>SalesOrdersTransactionalFact</b> (Taxes)                       |
| AverageTaxRate      | From Table <b>SalesOrdersTransactionalFact</b> (TaxRate)                     |
| TotalOrderNumbers   | From Table <b>SalesOrdersTransactionalFact</b> (OrderDateKey, CustomerKey)   |
| TotalShippedNumbers | From Table <b>SalesOrdersTransactionalFact</b> (ShippedDateKey, CustomerKey) |
| TotalPaidNumbers    | From Table <b>SalesOrdersTransactionalFact</b> (PaidDateKey, CustomerKey)    |
| TotalPaymentAmount  | From Table SalesOrdersTransactionalFact (PaymentAmount)                      |

### • SalesProductsAccFact

| Fields             | Description   |
|--------------------|---|
| ProductKey         | From Table <b>SalesProductsDailyFact</b> (ProductKey)         |
| ProductNaturalKey  | From Table <b>SalesProductsDailyFact</b> (ProductNaturalKey)  |
| EmployeeKey        | From Table <b>SalesProductsDailyFact</b> (EmployeeKey)        |
| EmployeeNaturalKey | From Table <b>SalesProductsDailyFact</b> (EmployeeNaturalKey) |
| TotalSaleQuantity  | From Table <b>SalesProductsDailyFact</b> (TotalSaleQuantity)  |
| MaxSaleQuantity    | From Table <b>SalesProductsDailyFact</b> ([MaxSaleQuantity)   |
| MinSaleQuantity    | From Table <b>SalesProductsDailyFact</b> (MinSaleQuantity)    |
| MinDiscountRate    | From Table SalesProductsDailyFact (MinDiscountRate)           |
| MaxDiscountRate    | From Table <b>SalesProductsDailyFact</b> (MaxDiscountRate)    |
| TotalPrice         | From Table <b>SalesProductsDailyFact</b> (TotalPrice)         |
| FirstSaleDate      | From Table <b>DateDim</b> (TimeKey)                           |
| LastSaleDate       | From Table <b>DateDim</b> (TimeKey)                           |

# • SalesProductsDailyFact

| Fields             | Description  |
|--------------------|--|
| ProductKey         | From Table <b>ProductDim</b> (ProductKey)                    |
| ProductNaturalKey  | From Table <b>ProductDim</b> (ID)                            |
| EmployeeKey        | From Table <b>EmployeeDim</b> (EmployeeKey)                  |
| EmployeeNaturalKey | From Table <b>EmployeeDim</b> (ID)                           |
| DateKey            | From Table <b>DateDim</b> (TimeKey)                          |
| TotalSaleQuantity  | From Table <b>SalesProductTransactionalFact</b> (Quantity)   |
| MaxSaleQuantity    | From Table <b>SalesProductTransactionalFact</b> (Quantity)   |
| MinSaleQuantity    | From Table <b>SalesProductTransactionalFact</b> (Quantity)   |
| MinDiscountRate    | From Table SalesProductTransactionalFact (Discount)          |
| MaxDiscountRate    | From Table <b>SalesProductTransactionalFact</b> (Discount)   |
| TotalPrice         | From Table <b>SalesProductTransactionalFact</b> (List Price) |

# Employee Salary Mart

• EmployeeSalaryTransactionalFact

| Fields             | Description   |
|--------------------|---|
| PaymentDateKey     | From Table <b>DateDim</b> (TimeKey)                   |
| PaymentMethodKey   | From Table <b>PaymentMethodDim</b> (ID)               |
| EmployeeKey        | From Table <b>EmployeeDim</b> (EmployeeKey)           |
| EmployeeNaturalKey | From Table <b>EmployeeSalary</b> (EmployeeID)         |
| CheckKey           | From Table <b>EmployeeSalary</b> (Check ID)           |
| BaseSalary         | From Table <b>EmployeeSalary</b> (BaseSalary)         |
| OvertimePaid       | From Table <b>EmployeeSalary</b> (OvertimePaid)       |
| PerformanceBonus   | From Table <b>EmployeeSalary</b> (PerformanceBonus)   |
| IncentiveAllowance | From Table <b>EmployeeSalary</b> (IncentiveAllowance) |

# • EmployeeSalaryYearyFact

| Fields                      | Description  |
|-----------------------------|--|
| PaymentDateKey              | From Table <b>DateDim</b> (TimeKey)                              |
| PaymentMethodKey            | From Table <b>PaymentMethodDim</b> (ID)                          |
| EmployeeKey                 | From Table <b>EmployeeDim</b> (EmployeeKey)                      |
| EmployeeNaturalKey          | From Table <b>EmployeeDim</b> (ID)                               |
| TotalBaseSalaryPaid         | From Table <b>EmployeeSalaryTransactionalFact</b> (BaseSalary)   |
| TotalOvertimePaid           | From Table <b>EmployeeSalaryTransactionalFact</b> (OvertimePaid) |
| TotalPerformanceBonusPaid   | From Table EmployeeSalaryTransactionalFact (PerformanceBonus)    |
| TotalIncentiveAllowancePaid | From Table EmployeeSalaryTransactionalFact (IncentiveAllowance)  |

# • EmployeeSalaryAccFact

| Fields                  | Description  |
|-------------------------|--|
| PaymentMethodKey        | From Table <b>PaymentMethodDim</b> (ID)                                |
| EmployeeKey             | From Table <b>EmployeeDim</b> (EmployeeKey)                            |
| EmployeeNaturalKey      | From Table <b>EmployeeDim</b> (ID)                                     |
| TotalBaseSalary         | From Table <b>EmployeeSalaryTransactionalFact</b> (BaseSalary)         |
| TotalOvertimePaid       | From Table EmployeeSalaryTransactionalFact (OvertimePaid)              |
| TotalPerformanceBonus   | From Table <b>EmployeeSalaryTransactionalFact</b> (PerformanceBonus)   |
| TotalIncentiveAllowance | From Table <b>EmployeeSalaryTransactionalFact</b> (IncentiveAllowance) |
| MinOverTimePaid         | From Table <b>EmployeeSalaryTransactionalFact</b> (OvertimePaid)       |
| MaxOverTimePaid         | From Table EmployeeSalaryTransactionalFact (OvertimePaid)              |
| MinPerformanceBonus     | From Table <b>EmployeeSalaryTransactionalFact</b> (PerformanceBonus)   |
| MaxPerformanceBonus     | From Table <b>EmployeeSalaryTransactionalFact</b> (PerformanceBonus)   |

## Dimensions

## • SupplierDim

| Fields            | Description                                     |
|-------------------|---|
| ID                | From Table <b>Suppliers</b> (ID)                |
| Company           | From Table <b>Suppliers</b> (Company)           |
| Last Name         | From Table <b>Suppliers</b> (Last Name)         |
| First Name        | From Table <b>Suppliers</b> (First Name)        |
| E-mail Address    | From Table <b>Suppliers</b> (E-mail Address)    |
| Job Title         | From Table <b>Suppliers</b> (Job Title)         |
| Business Phone    | From Table <b>Suppliers</b> (Business Phone)    |
| Home Phone        | From Table <b>Suppliers</b> (Home Phone)        |
| Mobile Phone      | From Table <b>Suppliers</b> (Mobile Phone)      |
| Fax Number        | From Table <b>Suppliers</b> (Fax Number)        |
| Address           | From Table <b>Suppliers</b> (Address)           |
| City              | From Table <b>Suppliers</b> (City)              |
| State/Province    | From Table <b>Suppliers</b> (State/Province)    |
| ZIP/Postal Code   | From Table <b>Suppliers</b> (ZIP/Postal Code)   |
| Country/Region    | From Table <b>Suppliers</b> (Country/Region)    |
| Web Page          | From Table <b>Suppliers</b> (Web Page)          |
| CreditCard Number | From Table <b>Suppliers</b> (CreditCard Number) |
| Notes             | From Table <b>Suppliers</b> (Notes)             |

### • ProductDim

| Fields                        | Description   |
|-------------------------------|---|
| ProductKey                    | Identity  |
| ID                            | From Table <b>Products</b> (ID)                       |
| Product Code                  | From Table <b>Products</b> (Product Code)             |
| Product Name                  | From Table <b>Products</b> (Product Name)             |
| Description                   | From Table <b>Products</b> (Description)              |
| Standard Cost                 | From Table <b>Products</b> (Standard Cost)            |
| List Price                    | From Table <b>Products</b> (List Price)               |
| Reorder Level                 | From Table <b>Products</b> (Reorder Level)            |
| Target Level                  | From Table <b>Products</b> (Target Level)             |
| Quantity Per Unit             | From Table <b>Products</b> (Quantity Per Unit)        |
| Minimum Reorder<br>Quantity   | From Table <b>Products</b> (Minimum Reorder Quantity) |
| Category                      | From Table <b>Products</b> (Category)                 |
| Start Date                    | SCD2  |
| End Date                      | SCD2  |
| Current Standard<br>Cost Flag | SCD2  |
| Current List Price<br>Flag    | SCD2  |
| Last Discontinued             | From Table <b>Products</b> (Discontinued)             |
| EffectiveDate                 | SCD3  |
| Current Discontinued          | From Table <b>Products</b> (Discontinued)             |

## • ShipperDim

| Fields            | Description                                    |
|-------------------|--|
| ID                | From Table <b>Shippers</b> (ID)                |
| Company           | From Table <b>Shippers</b> (Company)           |
| Last Name         | From Table <b>Shippers</b> (Last Name)         |
| First Name        | From Table <b>Shippers</b> (First Name)        |
| E-mail Address    | From Table <b>Shippers</b> (E-mail Address)    |
| Job Title         | From Table <b>Shippers</b> (Job Title)         |
| Business Phone    | From Table <b>Shippers</b> (Business Phone)    |
| Home Phone        | From Table <b>Shippers</b> (Home Phone)        |
| Mobile Phone      | From Table <b>Shippers</b> (Mobile Phone)      |
| Fax Number        | From Table <b>Shippers</b> (Fax Number)        |
| Address           | From Table <b>Shippers</b> (Address)           |
| City              | From Table <b>Shippers</b> (City)              |
| State/Province    | From Table <b>Shippers</b> (State/Province)    |
| ZIP/Postal Code   | From Table <b>Shippers</b> (ZIP/Postal Code)   |
| Country/Region    | From Table <b>Shippers</b> (Country/Region)    |
| Web Page          | From Table <b>Shippers</b> (Web Page)          |
| CreditCard Number | From Table <b>Shippers</b> (CreditCard Number) |
| Notes             | From Table <b>Shippers</b> (Notes)             |

### • CustomerDim

| Fields          | Description                                   |
|-----------------|---|
| ID              | From Table <b>Customers</b> (ID)              |
| Company         | From Table <b>Customers</b> (Company)         |
| Last Name       | From Table <b>Customers</b> (Last Name)       |
| First Name      | From Table <b>Customers</b> (First Name)      |
| E-mail Address  | From Table <b>Customers</b> (E-mail Address)  |
| Job Title       | From Table <b>Customers</b> (Job Title)       |
| Business Phone  | From Table <b>Customers</b> (Business Phone)  |
| Home Phone      | From Table <b>Customers</b> (Home Phone)      |
| Mobile Phone    | From Table <b>Customers</b> (Mobile Phone)    |
| Fax Number      | From Table <b>Customers</b> (Fax Number)      |
| Address         | From Table <b>Customers</b> (Address)         |
| City            | From Table <b>Customers</b> (City)            |
| State/Province  | From Table <b>Customers</b> (State/Province)  |
| ZIP/Postal Code | From Table <b>Customers</b> (ZIP/Postal Code) |
| Country/Region  | From Table <b>Customers</b> (Country/Region)  |
| Web Page        | From Table <b>Customers</b> (Web Page)        |
| Notes           | From Table <b>Customers</b> (Notes)           |

## • EmployeeDim

| Fields            | Description                                     |
|-------------------|---|
| EmployeeKey       | Identity  |
| ID                | From Table <b>Employees</b> (ID)                |
| Last Name         | From Table <b>Employees</b> (Last Name)         |
| First Name        | From Table <b>Employees</b> (First Name)        |
| E-mail Address    | From Table <b>Employees</b> (E-mail Address)    |
| Business Phone    | From Table <b>Employees</b> (Business Phone)    |
| Home Phone        | From Table <b>Employees</b> (Home Phone)        |
| Mobile Phone      | From Table <b>Employees</b> (Mobile Phone)      |
| Fax Number        | From Table <b>Employees</b> (Fax Number)        |
| Address           | From Table <b>Employees</b> (Address)           |
| City              | From Table <b>Employees</b> (City)              |
| State/Province    | From Table <b>Employees</b> (State/Province)    |
| ZIP/Postal Code   | From Table <b>Employees</b> (ZIP/Postal Code)   |
| Country/Region    | From Table <b>Employees</b> (Country/Region)    |
| WebPage           | From Table <b>Employees</b> (WebPage)           |
| CreditCard Number | From Table <b>Employees</b> (CreditCard Number) |
| Hire Date         | From Table <b>Employees</b> (Hire Date)         |
| Birth Date        | From Table <b>Employees</b> (Birth Date)        |
| Gender            | From Table <b>Employees</b> (Gender)            |
| Marital Status    | From Table <b>Employees</b> (Marital Status)    |
| National Code     | From Table <b>Employees</b> (National Code)     |

| Annual Base Salary                 | From Table <b>Employees</b> (Annual Base Salary) |
|------------------------------------|--|
| Notes                              | From Table <b>Employees</b> (Notes)              |
| Start Date                         | SCD2   |
| End Date                           | SCD2   |
| Current Annual Base<br>Salary Flag | SCD2   |
| Last Annual Leave<br>Hours         | From Table <b>Employees</b> (Annual Leave Hours) |
| Current Annual<br>Leave Hours      | From Table <b>Employees</b> (Annual Leave Hours) |
| Last Job Title                     | From Table <b>Employees</b> (Job Title)          |
| Current Job Title                  | From Table <b>Employees</b> (Job Title)          |
| EffectiveDate                      | SCD3   |

### • PurchaseOrderStatusDim

| Fields     | Description  |
|------------|--|
| StatusID   | From Table <b>Purchase Order Status</b> (StatusID) |
| StatusName | From Table <b>Purchase Order Status</b> (Status)   |

#### • OrderStatusDim

| Fields     | Description                                  |
|------------|--|
| StatusID   | From Table <b>Orders Status</b> (StatusID)   |
| StatusName | From Table <b>Orders Status</b> (StatusName) |

#### • OrderTaxStatusDim

| Fields     | Description   |
|------------|---|
| StatusID   | From Table <b>Orders Tax Status</b> (ID)              |
| StatusName | From Table <b>Orders Tax Status</b> (Tax Status Name) |

#### • OrderDetailsStatusDim

| Fields     | Description   |
|------------|---|
| StatusID   | From Table <b>Order Details Status</b> (StatusID)   |
| StatusName | From Table <b>Order Details Status</b> (StatusName) |

## • PaymentMethodDim

| Fields      | Description  |
|-------------|--|
| ID          | From Table <b>Purchase Orders</b> (Payment Method) |
| Description | From Table <b>Orders</b> (Payment Type)            |

### • DateDim

| Fields                      | Description                              |
|-----------------------------|--|
| TimeKey                     | From Excel (TimeKey)                     |
| FullDateAlternateKey        | From Excel (FullDateAlternateKey)        |
| PersianFullDateAlternateKey | From Excel (PersianFullDateAlternateKey) |
| DayNumberOfWeek             | From Excel (DayNumberOfWeek)             |
| PersianDayNumberOfWeek      | From Excel (PersianDayNumberOfWeek)      |
| EnglishDayNameOfWeek        | From Excel (EnglishDayNameOfWeek)        |
| PersianDayNameOfWeek        | From Excel (PersianDayNameOfWeek)        |
| DayNumberOfMonth            | From Excel (DayNumberOfMonth)            |
| PersianDayNumberOfMonth     | From Excel (PersianDayNumberOfMonth)     |
| DayNumberOfYear             | From Excel (DayNumberOfYear)             |
| PersianDayNumberOfYear      | From Excel (PersianDayNumberOfYear)      |
| WeekNumberOfYear            | From Excel (WeekNumberOfYear)            |
| PersianWeekNumberOfYear     | From Excel (PersianWeekNumberOfYear)     |
| EnglishMonthName            | From Excel (EnglishMonthName)            |
| PersianMonthName            | From Excel (PersianMonthName)            |
| MonthNumberOfYear           | From Excel (MonthNumberOfYear)           |

| PersianMonthNumberOfYear | From Excel (PersianMonthNumberOfYear) |
|--------------------------|---------------------------------------|
| CalendarQuarter          | From Excel (CalendarQuarter)          |
| PersianCalendarQuarter   | From Excel (PersianCalendarQuarter)   |
| CalendarYear             | From Excel (CalendarYear)             |
| PersianCalendarYear      | From Excel (PersianCalendarYear)      |
| CalendarSemester         | From Excel (CalendarSemester)         |
| PersianCalendarSemester  | From Excel (PersianCalendarSemester)  |

### • CheckInfoDim

| Fields        | Description  |
|---------------|--|
| ID            | From Table CheckINfo Join Check Type Join Check Status (ID)            |
| CheckNumber   | From Table CheckINfo Join Check Type Join Check Status (CheckNumber)   |
| CheckType     | From Table CheckINfo Join Check Type Join Check Status (CheckType)     |
| Status        | From Table CheckINfo Join Check Type Join Check Status (Status)        |
| AccountNumber | From Table CheckINfo Join Check Type Join Check Status (AccountNumber) |
| Amount        | From Table CheckINfo Join Check Type Join Check Status (Amount)        |
| branch        | From Table CheckINfo Join Check Type Join Check Status (branch)        |
| IBAN          | From Table CheckINfo Join Check Type Join Check Status (IBAN)          |
| DueDate       | From Table CheckINfo Join Check Type Join Check Status (DueDate)       |
| Note          | From Table CheckINfo Join Check Type Join Check Status (Note)          |

### • LocationDim

| Fields          | Description   |
|-----------------|---|
| ID              | From Table <b>Orders</b> UNION <b>Customers</b> (ID)              |
| Address         | From Table <b>Orders</b> UNION <b>Customers</b> (Address)         |
| City            | From Table <b>Orders</b> UNION <b>Customers</b> (City)            |
| State/Province  | From Table <b>Orders</b> UNION <b>Customers</b> (State/Province)  |
| Country/Region  | From Table <b>Orders</b> UNION <b>Customers</b> (Country/Region)  |
| ZIP/Postal Code | From Table <b>Orders</b> UNION <b>Customers</b> (ZIP/Postal Code) |